



## AVIATION SERVICE DOCUMENT NOTIFICATION

**TO:** Registered Garmin GTN 6XX/7XX Owner and Operators  
**DATE:** November 6, 2017

**SUBJECT:** Approval of GTN v6.41, Flight Stream 210 v2.70, Flight Stream 510 v2.30, and GTN NAV v6.03 software for AML STC SA02019SE-D

**CERTIFICATION APPROVAL:** STC SA02019SE-D MDL Revision 17

### COMPLIANCE

Optional

### PURPOSE

AML STC SA02019SE-D Master Drawing List (MDL Revision 17) includes:

- GTN 6XX/7XX Software v6.41
- GTN 7XX NAV Software v6.03
- Flight Stream 210 Software v2.70
- Flight Stream 510 Software v2.30

GTN 6XX/7XX Software v6.41 include the following:

- Added support for visual approaches which include advisory vertical and horizontal guidance to most runways.
- Added support for forwarding GTX attitude through the Flight Stream 510 to portable devices.
- Added support for advisory vertical guidance on LNAV approaches in regions without SBAS coverage.
- Removed pop-up that impeded the creation of user waypoints defined by two radials.
- Changed datalink weather timestamps so that they will now collapse when all weather is current to declutter the display.
- Changed GSL altitude display to round to the nearest 10 feet and include the configured antenna offset.
- Added support for logging connections to the Flight Stream products connected to the GTN. The log can be sent to Garmin for analysis, when needed.
- Added height above terrain in MapMX and ARINC GAMA Formats 1-6.

GTN 7XX NAV Software v6.03 reduces nuisance “needs service” messages.

Flight Stream 210 Software v2.70 includes the following:

- Add a wireless connection log with a GTN
- Added expanded channel list with GDL 69 SXM software versions 5.10 or later

Flight Stream 510 Software v2.30 includes the following:

- Fixed issue related to FIS-B weather data (Service Advisory 1684) from a GTX 345
- Added an attitude output from a GTX 345 when connected to a GTN
- Add a wireless connection log with a GTN
- Added expanded channel list with GDL 69 SXM software versions 5.10 or later

MDL revision 17 also includes an expansion to the AML. Under this update, the following models were added to STC SA02019SE-D.

**Table 1 – New Models**

<b>Make</b>	<b>Model</b>	<b>TCDS</b>
Tecnam	P2010	A00066CE
Cubcrafters	CC19-180	A00053SE
Ruschmeyer	R90-230RG	A77EU
Extra	EA300/LC	A67EU

### **PRODUCTS AFFECTED**

GTN 6XX/7XX navigators and Flight Stream 210/510 installed using Approved Model List (AML) Supplemental Type Certificate (STC) SA02019SE-D are affected.

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